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## **ABSTRACT**

A system for sending and receiving multimedia transmissions over a network includes two or more clients and a server. Each client is connected to the network and generates and receives audio and video data via the network. The server receives the audio and video data from the clients and sends the audio and video data to the clients. During the transmission of the audio and video data, the client and server dynamically determine the rate at which to transmit the audio and video data.